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**Abstract**

- 5 What is described is a method of forming a cut (9) which encloses a partial volume (T) within a transparent material (5), by generating optical breakthroughs (8) in the material (5) by means of laser radiation (3) focused into the material (5) along an optical axis (A), wherein the focal point (7) is three-dimensionally adjusted so as to form the cut (9) by serial arrangement of the optical breakthroughs (8), wherein the focal point (7) is adjusted along a spatial spiral (22), which is  
10 located in the cut (9) and extends along a main axis (H) that is at substantially right angles to the optical axis (A).

Fig.1

